

## **8500 Mod Turbo Rules**

*All competing Super Farm tractors are to comply with PPL Super Farm Rules with the following exceptions for Mod Turbo/Limited Pro tractors.*

- a. Tractors will weigh a maximum of 8,500 lbs.
- b. Engines will have a maximum displacement of 540ci.
- c. Tractors with a "P" series injection pump (1 plunger per cylinder) will run a turbo with a maximum inlet of 3.000" at the face of the wheel and a turbine with a maximum outlet of 4.000" at the face of the wheel.
- d. Tractors may also run an OEM Bosch "A" series injection pump (1 plunger per cylinder). No recast, billet or modified factory housing other than mounting or support fixtures.
- e. Tractors running a Bosch "A" Series injection pump will be limited to a maximum of (1) turbo charger with (1) pressure stage.
- f. Tractors meeting these requirements will be allowed to run a choice of (1) billet, recast, or fabricated intake or exhaust manifold. The stock manifold must be OEM for that make and series of engine. An OEM exhaust manifold turbocharger mounting flange may be altered to accept a turbocharger and still be considered OEM.
- g. No billet cylinder heads will be allowed. Recast cylinder heads that allow factory OEM intake and exhaust bolt mounting pattern will be permitted.
- h. No injection pump extension.
- i. Aftermarket manifolds are allowed. One inlet only into intake manifold.
- j. Turbo inlet maximum of 4.6".
- k. .300" map ring groove.
- l. Turbo wheel must protrude into housing bore 1/8".
- m. All exhaust will exit through 4.5" opening in the exhaust housing.
- n. Exhaust wheel must protrude 1/8" inside of opening.
- o. No billet cylinder heads will be allowed. Recast cylinder heads that allow factory OEM intake and exhaust bolt mounting pattern will be permitted.

p. The OEM Bosch injection pump housing will be measured from bottom of housing to top of housing. Maximum measurement of 7.000 inches.

q. Charge pipe blanket is required.